

TOP SECRET RUFF

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REFERENCE: KH 1047-2

ATTACHMENT TO
26 JULY 1968
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COPY 80

DAM AND HYDROELECTRIC POWER PLANT
MANGLA, PAKISTAN
3307N 7339E
0431-00195

1. SIGNIFICANCE:

THIS MULTIPURPOSE DAM AND HYDROELECTRIC PLANT IS NEARING COMPLETION.

2. LOCATION:

AT MANGLA, 12.7 NM NNW OF JHELM.

3. BACKGROUND:

THIS PROJECT, BUILT IN LESS THAN SIX YEARS BY A GROUP OF EIGHT AMERICAN STRUCTURAL FIRMS, WAS REPORTEDLY ORIGINALLY PLANNED AND PROMOTED BY THE WORLD BANK IN ORDER TO HELP PREVENT FURTHER WATER RIGHTS DISPUTES WITH INDIA. THE UNITED STATES WAS THE FOREMOST CONTRIBUTOR (\$250 MILLION) OF THE SIX NATIONS THAT FINANCED THIS FIRST PHASE OF THE PROJECTED \$2 BILLION WATER DEVELOPMENT COMPLEX.

4. MISSION READOUT:

KEYHOLE MISSION 1047-2 [] REVEALED THAT THE DAM AT MANGLA ON THE JHELM RIVER WAS COMPLETE, THAT THE RESEVOIR WAS FILLING, AND THAT THE GENERATOR HALL WAS STILL UNDER CONSTRUCTION ALTHOUGH WATER IS FLOWING THROUGH THE POWER PLANT. A SLUICeway WITH NINE GATES, ALL WITH WATER BEING DISCHARGED, IS NEAR THE NORTH OF THE DAM. A FLOOD CONTROL SPILLWAY IS LOCATED NORTH OF

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THE SLUICEWAY. TRANSFORMERS, SWITCHING YARD AND POWER LINES WERE NOT OBSERVED.

5. REMARKS:

THE DAM, AS PLANNED WAS TO BE 420 FEET HIGH AND 11,000 FEET LONG. IT WAS TO CONTAIN FOUR 75,000 KW GENERATORS AND HAVE AN IMPOUNDED RESEVOIR CAPACITY OF 5.3 MILLION ACRE FEET, COVERING AN AREA OF 100 SQUARE MILES. THE WATER FROM THE POWER HOUSE WILL BE DELIVERED INTO THE UPPER JHELUM CANAL FOR IRRIGATION PURPOSES, AND REPORTEDLY WILL SUPPLY SOME 3 MILLION ACRES OF FARMLAND.

THOUGH MAINLY IRRIGATIONAL THE PROJECT WAS TO PROVIDE, IN THE FIRST PHASE, 300,000 KILOWATTS OF HYDROELECTRIC POWER TO BE LINKED TO THE GRID OF WEST PAKISTAN. IT IS REPORTED THAT THE POWER POTENTIAL WILL BE INCREASED TO 900,000 KILOWATTS AT A LATER DATE WHEN THE DAM IS RAISED 50 FEET AS PART OF ITS SECOND STAGE OF DEVELOPMENT.

MAP REFERENCE: 0431-20, 1ST ED, JANUARY 1962

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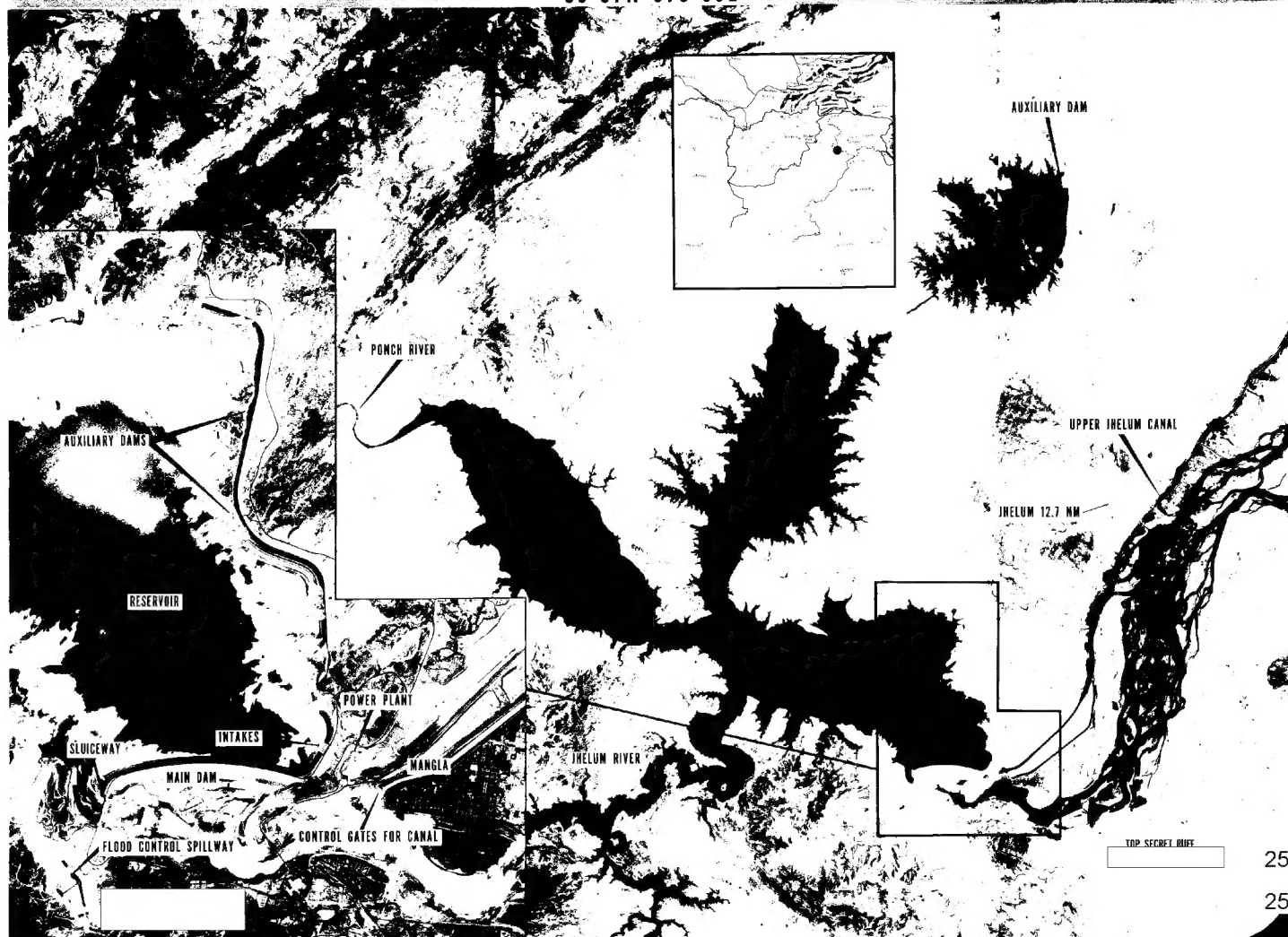
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MANGLA, PAKISTAN
33-07N 073-39E

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